

Title (en)
IMPACT-RESISTANT POLYESTER PRESSURE-SENSITIVE ADHESIVE

Title (de)
SCHLAGZÄHER DRUCKEMPFLINDLICHER POLYESTERKLEBSTOFF

Title (fr)
ADHÉSIF AUTOCOLLANT POLYESTER RÉSISTANT AUX CHOCS

Publication
EP 3337868 A4 20190320 (EN)

Application
EP 16837537 A 20160811

Priority

- US 201562206618 P 20150818
- US 201662356010 P 20160629
- US 2016046463 W 20160811

Abstract (en)
[origin: WO2017030881A1] Polyester pressure-sensitive adhesives are described. The polyester includes at least two different diacid residues and at least two different diol residues. The polyester includes at least one pendant group containing an alkenyl group. A ratio of a total number of the at least one pendant group to the total number of ester groups in the polyester is in a range of 0.001 to 0.1. The polyester has a glass transition temperature in a range of -50° C to -10° C.

IPC 8 full level
C09J 167/00 (2006.01); **C08G 63/54** (2006.01); **C09J 7/22** (2018.01); **C09J 7/38** (2018.01); **C09J 7/25** (2018.01)

CPC (source: EP KR US)
C08G 63/54 (2013.01 - EP US); **C08G 63/676** (2013.01 - US); **C09J 7/22** (2017.12 - EP US); **C09J 7/38** (2017.12 - EP US); **C09J 167/00** (2013.01 - KR); **C09J 167/06** (2013.01 - EP US); **C08G 63/12** (2013.01 - US); **C08G 63/16** (2013.01 - US); **C08G 63/52** (2013.01 - US); **C08G 63/66** (2013.01 - US); **C08G 63/672** (2013.01 - US); **C09J 7/25** (2017.12 - US); **C09J 7/255** (2017.12 - US); **C09J 167/02** (2013.01 - US); **C09J 201/02** (2013.01 - US); **C09J 2301/302** (2020.08 - KR US); **C09J 2301/312** (2020.08 - US); **C09J 2301/40** (2020.08 - US); **C09J 2301/414** (2020.08 - US); **C09J 2467/00** (2013.01 - EP US); **C09J 2467/006** (2013.01 - EP US); **Y10T 428/28** (2015.01 - US); **Y10T 428/2852** (2015.01 - US); **Y10T 428/31786** (2015.04 - US); **Y10T 428/31794** (2015.04 - US)

Citation (search report)

- [IY] US 4122073 A 19781024 - GEORGOUDIS PAUL C
- [Y] EP 2492326 A1 20120829 - NITTO DENKO CORP [JP]
- [A] JP 2003268052 A 20030925 - TOYO BOSEKI
- [A] JP 2007099879 A 20070419 - NIPPON SYNTHETIC CHEM IND
- See references of WO 2017030881A1

Designated contracting state (EPC)
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WO 2017030881 A1 20170223; CN 107922814 A 20180417; EP 3337868 A1 20180627; EP 3337868 A4 20190320; EP 3337868 B1 20220209; JP 2018530638 A 20181018; JP 6800215 B2 20201216; KR 102585918 B1 20231005; KR 20180031798 A 20180328; TW 201718808 A 20170601; TW I748960 B 20211211; US 10815404 B2 20201027; US 2018215970 A1 20180802

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